WHAT IS CLAIMED IS:

Sub A1

1. An input-output balanced filter comprising:

a first LC filter circuit unit including a common side line

a second LC filter circuit unit including a common side line;

a common line;

wherein said common side line of said first LC filter circuit unit is connected to said common side line of said second LC filter circuit unit via said common line.

2. The input-out balanced filter according to claim 1, wherein the first LC filter circuit unit includes at least one LC parallel resonant circuit.

3. The input-output balanced filter according to claim 2, wherein the at least one LC parallel resonant circuit includes an inductor and a capacitor.

4. The input-output balanced filter according to claim 1, wherein the first LC filter circuit unit includes as least two LC parallel resonant circuits.

5. The input-output balanced filter according to claim 1, wherein the second LC filter circuit includes at least one LC parallel resonant circuit.

6. The input-output balanced filter according to claim 5, wherein the at least one LC parallel resonant circuit includes an inductor and a capacitor.

7. The input-out balanced filter according to claim 1, wherein the second LC filter circuit unit includes at least two parallel resonant circuits.

8. The input-output balanced filter according to claim 1, wherein said common line includes at least one inductor.

9. The input-out balanced filter according to claim 1, wherein said filter has a layered unit structure and said common line is disposed inside of said layered unit structure.

10. The input-output balanced filter according to claim 1, wherein said filter has a layered unit structure and said common line is disposed on a surface of said layered unit structure.

Sub A2

11. An input-output balanced filter comprising:

a plurality of insulating layers;

a first LC filter circuit unit having a plurality of first coil conductive patterns, first capacitor conductive patterns and a common side line;

a second LC filter circuit unit having a plurality of second coil conductive patterns, second capacitor conductive patterns and a common side line; and

a common line conductive pattern;

wherein said common side line of said first LC filter circuit unit is electrically connected to a common side line of said second LC filter circuit unit via said common line conductive pattern.

12. The input-out balanced filter according to claim 11, wherein the first LC filter circuit unit includes at least one LC parallel resonant circuit.

13. The input-output balanced filter according to claim 12, wherein the at least one LC parallel resonant circuit includes an inductor and a capacitor.

14. The input-output balanced filter according to claim 11, wherein the first LC filter circuit unit includes as least two LC parallel resonant circuits.

15. The input-output balanced filter according to claim 11, wherein the at least one LC parallel resonant circuit includes an inductor and a capacitor.

16. The input-out balanced filter according to claim 15, wherein the second LC filter circuit unit includes at least two parallel resonant circuits.

17. The input-output balanced filter according to claim 11, wherein said common line includes at least one inductor.

18. An input-output balanced filter according to Claim 11, wherein said filter has a layered unit structure and said common line conductive pattern is disposed inside of said layered unit structure.

19. An input-output balanced filter according to Claim 11, wherein said filter has a layered unit structure and said common line conductive pattern is disposed on a surface of said layered unit structure.

20. An input-output balanced filter according to Claim 11, wherein said common line conductive pattern has an axially symmetric pattern.

21. An input-output balanced filter comprising:

a first LC bandpass filter circuit unit including a plurality of LC parallel resonant circuits electromagnetically connected to one another;

a second LC bandpass filter circuit unit including a plurality of LC parallel resonant circuits electromagnetically connected to one another;

an inductor for connecting a common side line of the first LC bandpass filter circuit unit to a common side line of the second LC bandpass filter circuit unit;

an input terminal provided with one of the LC parallel resonant circuits of the first LC bandpass filter circuit unit and one of the LC parallel resonant circuits of the second LC bandpass filter circuit unit, respectively;

an output terminal provided with another of the LC parallel resonant circuits of the first LC bandpass filter circuit unit and another of the LC parallel resonant circuits of the second LC bandpass filter circuit unit, respectively.